

Converting Colors

XYZ(44.3221, 50.8146, 59.3502)

Have a look what the booklet for
XYZ(44.3221, 50.8146, 59.3502)
contains.

XYZ(44.2657, 50.6517, 59.0735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.2657, 50.6517,
59.0735)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C3C3
RGB	162, 195, 195
RGB Percent	64%, 76%, 76%
CMY	0.3647, 0.2353, 0.2353
CMYK	0.17, 0.00, 0.00, 0.24
HSL	180°, 22%, 70%
HSV	180°, 17%, 76%
XYZ	44.2657, 50.6517, 59.0735
YIQ	185.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

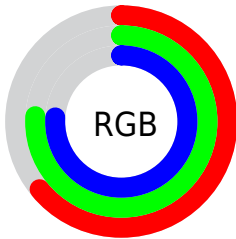
Format	Color
RYB	162, 179, 195
Decimal	10666947
CIELab	76.47, -11.00, -3.69
CIELCh	76, 11.604, 198.559
Yxy	50.6517, 0.2875, 0.3289
Android (android.graphics.Color)	4288857027 (0xFFA2C3C3)
YUV	185.1330, 4.8644, -20.2876
Hunter-Lab	71.1700, -13.5256, 0.6063

Details

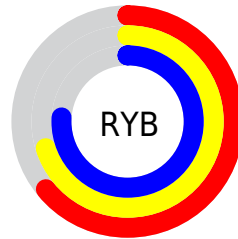
The XYZ color **44.2657, 50.6517, 59.0735** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9494, 40.0527, 39.7045**, and the grayscale version is **46.1708, 48.5753, 52.8985**.

A 20% lighter version of the original color is **80.9964, 91.4008, 105.4686**, and **20.7630, 24.2878, 28.7930** is the 20% darker color. If you saturate the color by 10%, you get **40.6079, 48.7674, 58.9025**, and if you desaturate by 10%, it is **48.5407, 52.8569, 59.2755**.

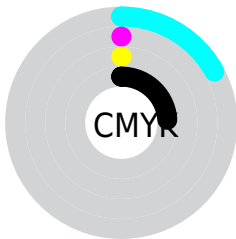
Distribution



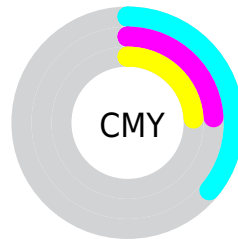
- Red (64%)
- Green (76%)
- Blue (76%)



- Red (64%)
- Yellow (70%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2657, 50.6517, 59.0735 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.2657, 50.6517, 59.0735 by changing the saturation by 10% instead.

■ 44.2657, 50.6517,
59.0735

■ 44.2657, 50.6517,
59.0735

354.6254,
389.2090, 438.8837

■ 31.0783, 35.9315,
42.2519

■ 80.8613, 91.1397,
105.0147

■ 20.8106, 24.3813,
28.9715

■ 105.0001,
117.6763, 134.9713

■ 13.0973, 15.6167,
18.8139

133.5201,
148.9205, 170.1433

■ 7.5730, 9.2533,
11.3604

166.7867,
185.2567, 210.9493

■ 3.8725, 4.9068,
6.1926

205.1651,
227.0692, 257.8078

■ 1.6302, 2.1927,
2.8919

249.0208,

■ 0.4120, 0.7160,

274.7425, 311.1374

1.0397

298.7191,
328.6610, 371.3565

■ 0.0000, 0.0000,
0.0000

■ 44.2657, 50.6517,
59.0735

■ 44.2657, 50.6517,
59.0735

■ 40.6079, 48.7674,
58.9025

■ 48.5407, 52.8569,
59.2755

■ 37.5347, 47.1831,
58.7577

■ 53.4550, 55.3902,
59.5064

■ 35.0171, 45.8853,
58.6390

■ 59.0347, 58.2667,
59.7685

■ 33.0220, 44.8568,
58.5447

■ 65.3035, 61.4984,
60.0628

■ 31.5126, 44.0787,
58.4732

■ 70.6074, 64.2326,
60.3119

■ 30.4476, 43.5297,
58.4224

■ 70.6075, 64.2326,
60.3128

■ 29.7786, 43.1848,
58.3902

■ 70.6077, 64.2327,
60.3137

■ 29.4402, 43.0104,
58.3735

■ 70.6079, 64.2328,
60.3146

■ 29.3651, 42.9716,
58.3697

■ 70.6081, 64.2328,
60.3155

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.1381, 50.6517, 52.7967



44.2657, 50.6517, 59.0735



45.4132, 50.6517, 64.6802

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.2657, 50.6517, 59.0735



51.3644, 50.6517, 63.5115



48.9818, 50.6517, 44.1699

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.2657, 50.6517, 59.0735



41.9494, 40.0527, 39.7045

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.9799, 50.6517, 46.6072



44.2657, 50.6517, 59.0735



52.3830, 50.6517, 57.5745

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.2657, 50.6517, 59.0735



49.4937, 50.6517, 67.3732



52.2402, 50.6517, 51.4063



46.8169, 50.6517, 44.5044

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.2657, 50.6517, 59.0735



46.6222, 50.6517, 67.1368



52.2402, 50.6517, 51.4063



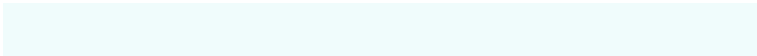
49.6964, 50.6517, 44.6842

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.2672, 50.6538, 59.0746



88.4705, 95.4557, 106.2309



41.0504, 49.3800, 41.5510



19.2425, 20.8359, 23.2573



0.0000, 0.0000, 0.0000



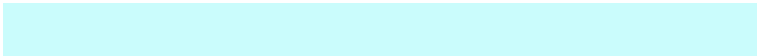
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.2672, 50.6538, 59.0746



76.9397, 89.5114, 105.6887



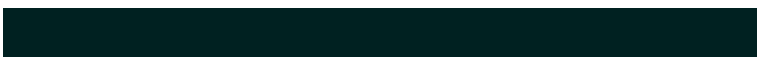
40.8822, 43.8833, 57.9478



10.3685, 11.4285, 12.9441



19.0849, 27.9280, 37.9355



0.8246, 1.2067, 1.6391

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.9494, 40.0527, 39.7045



72.0756, 67.2644, 65.0393



44.9395, 46.0334, 40.7000



10.0733, 10.0779, 10.4764



14.6276, 7.5408, 0.6849



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 44.2657, 50.6517, 59.0735 looks on a white background.

Color Contrast Check

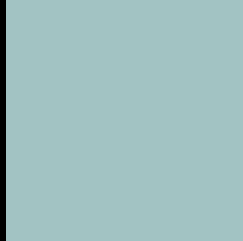
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.2657, 50.6517, 59.0735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

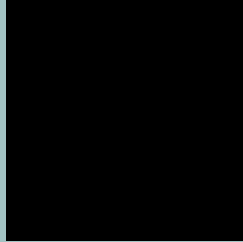
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2657, 50.6517, 59.0735

Background



This preview shows how black text looks on a background with the XYZ color 44.2657, 50.6517, 59.0735.



This preview shows how white text looks on a background with the XYZ color 44.2657, 50.6517,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.2657, 50.6517, 59.0735

Protanopia

48.5504, 50.3347, 55.8719

Deuteranopia

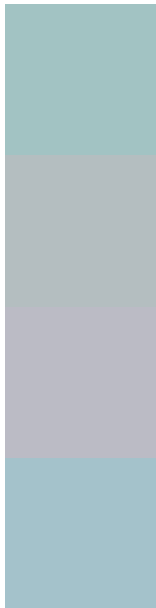
51.4836, 50.5007, 60.4602



Tritanopia

45.9722, 50.6933, 67.0363

Trichromacy



Original Color

44.2657, 50.6517, 59.0735

Protanomaly

46.7503, 50.3360, 57.1210

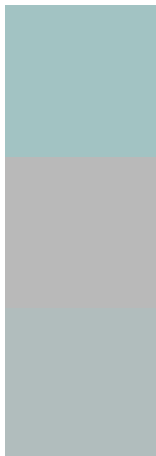
Deuteranomaly

48.3419, 50.1367, 59.9528

Tritanomaly

45.3811, 50.7879, 63.9111

Monochromacy



Original Color

44.2657, 50.6517, 59.0735

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.5144, 49.4164, 55.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2657, 50.6517, 59.0735 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(162, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.2657, 50.6517, 59.0735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 195, 195) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(162, 195, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(162, 195, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2657, 50.6517, 59.0735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 195, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162,  
195, 195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor